

FIG . 1

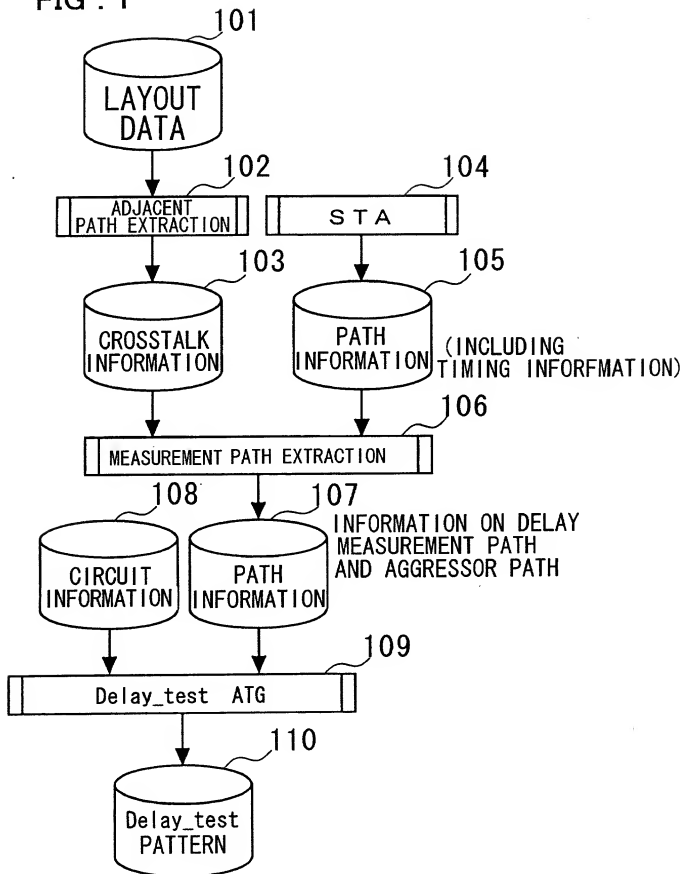


FIG. 2a

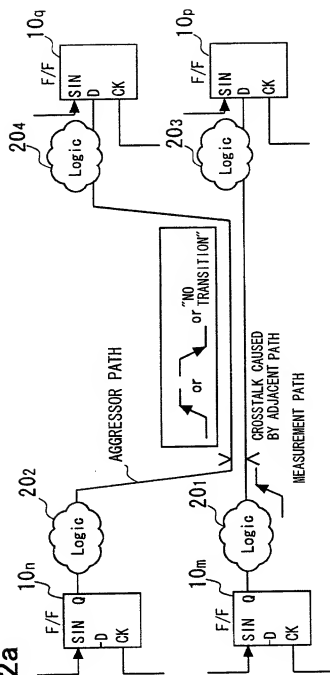


FIG. 2b

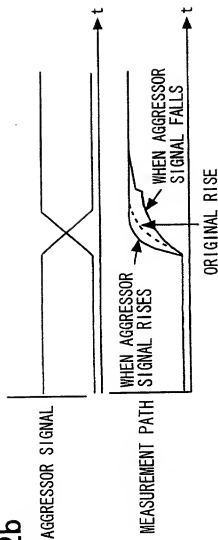


FIG. 3a

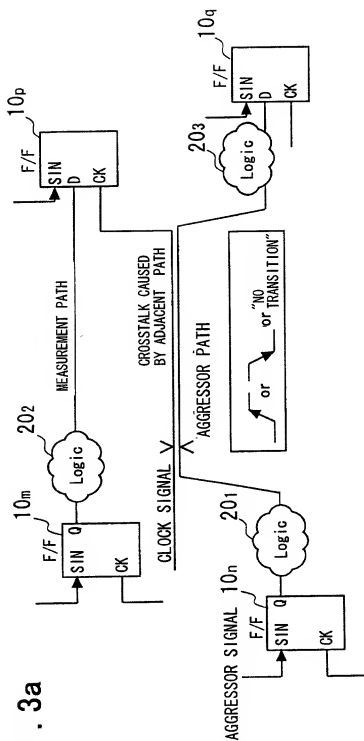


FIG. 3b

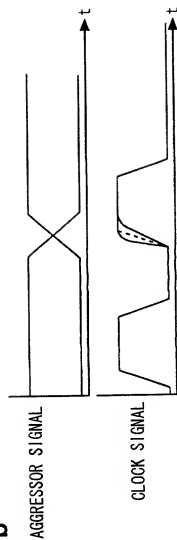


FIG . 4a

EXAMPLE OF PATH INFORMATION SUPPLIED TO ATG

| MEASUREMENT PATH INFORMATION | | AGGRESSOR PATH INFORMATION | |
|------------------------------|-----------|----------------------------|---------------|
| NAME OF Node | rise/fall | NAME OF Node | ADJACENT Node |
| M1:Q | rise | M5:OUT | M100:OUT |
| M2:OUT | rise | | |
| M3:OUT | fall | | |
| M4:OUT | fall | | |
| M5:OUT | fall | | |
| M6:OUT | fall | | |
| M7:OUT | rise | | |

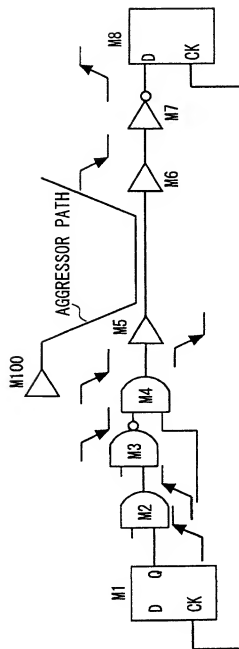


FIG . 4b

FIG . 5 PRIOR ART

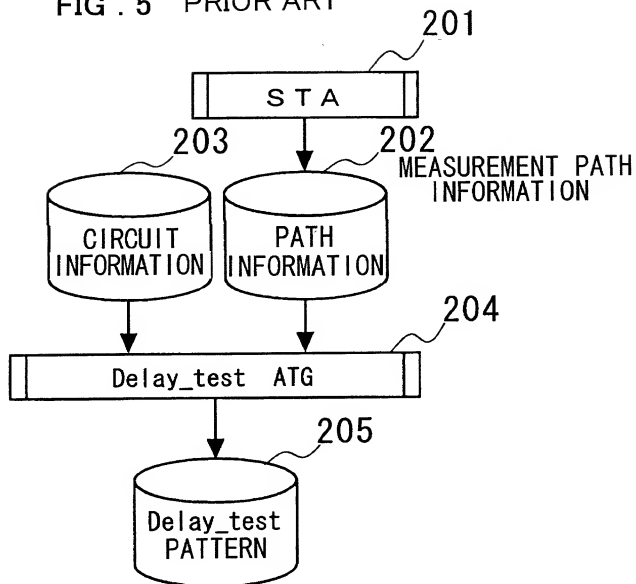


FIG. 6

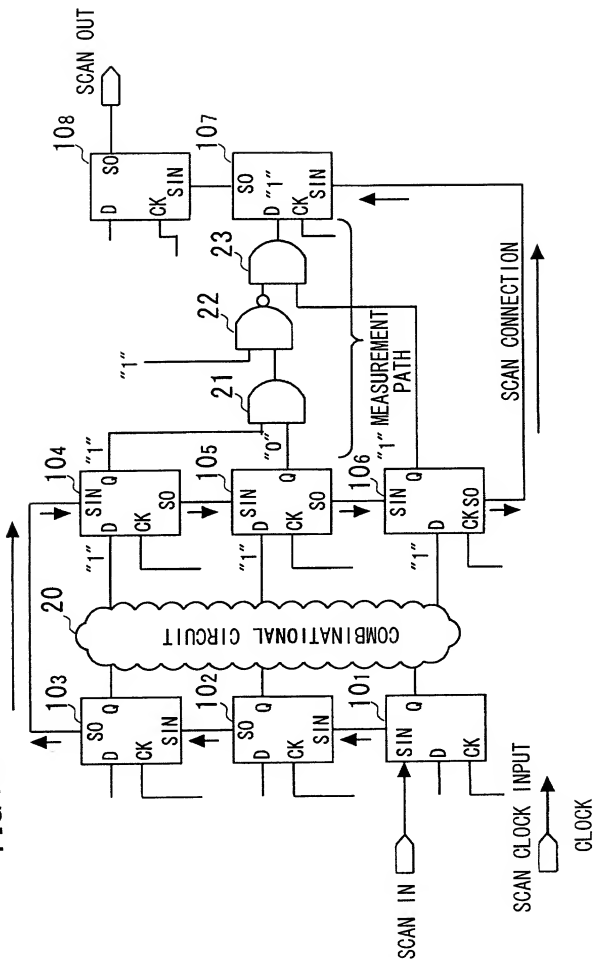


FIG. 7

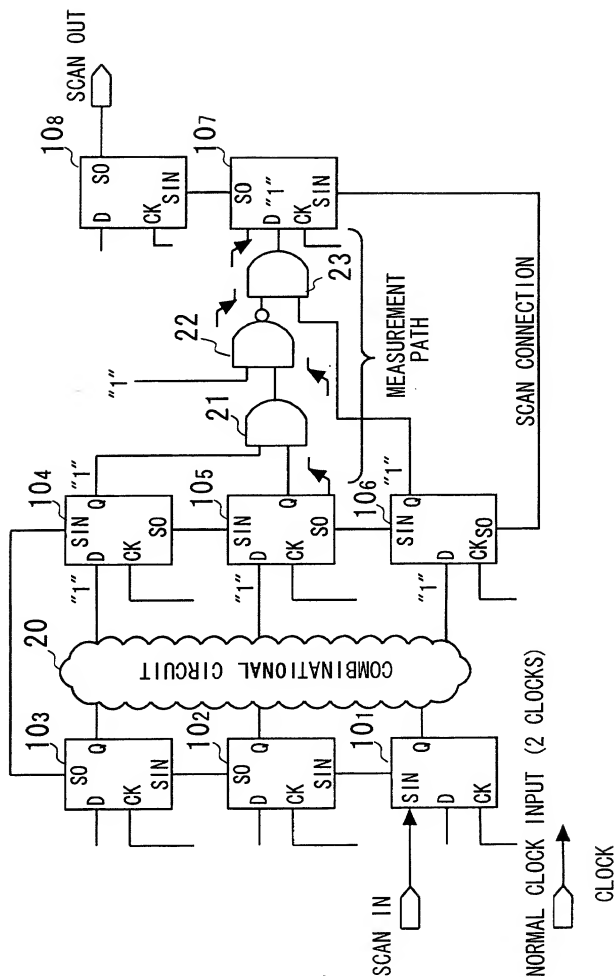
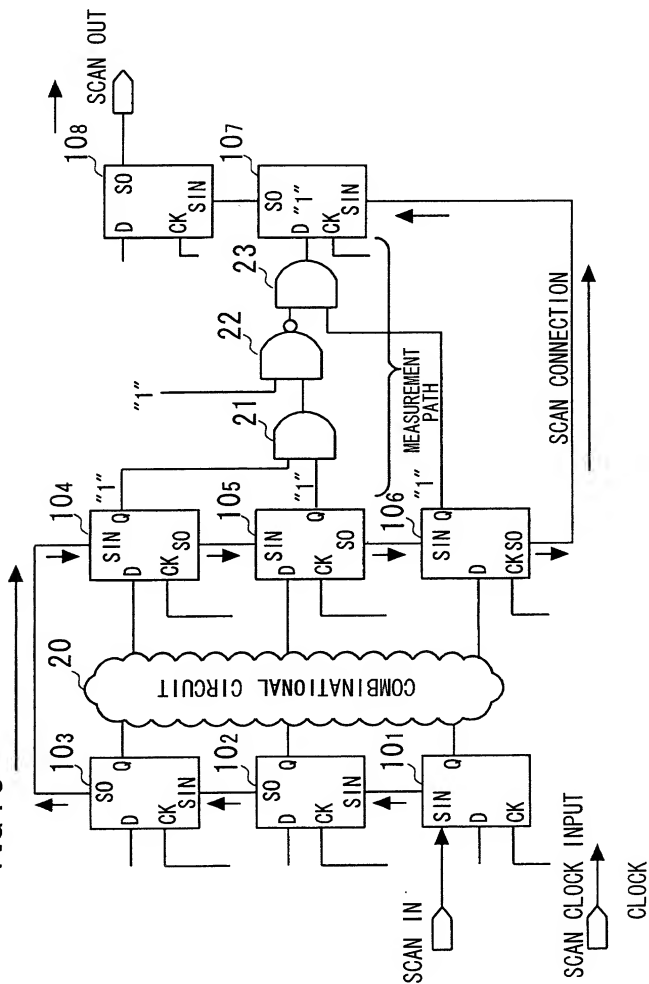


FIG. 8



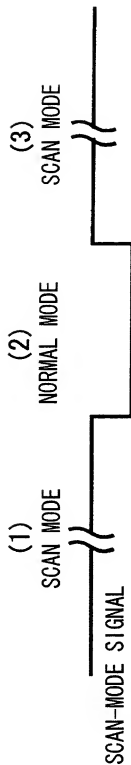


FIG. 9a

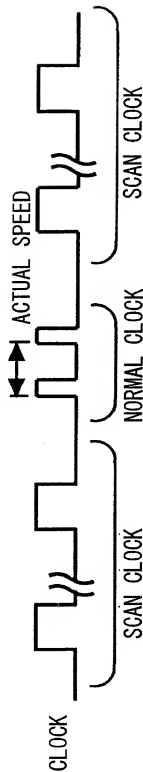


FIG. 9b

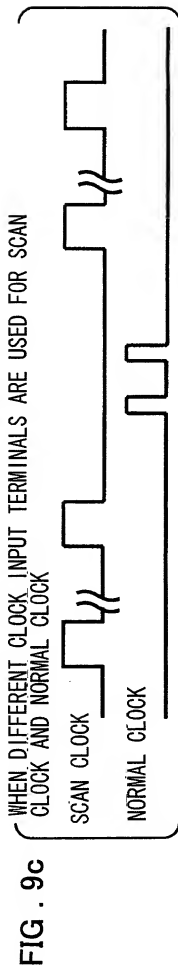


FIG. 9c

FIG . 10a

OUTPUT OF FF10₅

FIG . 10b

OUTPUT OF FF10₇

FIG . 10c

CLOCK

